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Class 194

9. Electric Opening and Closing Device [Misc.]

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Title: Safety Opening and Closing Device Linked to Lock/Key

Brief Explanation of Drawings:

Fig. 1 [is a cross section of] the device in the open position.

Fig. 2 is a cross section of the device in the closed position.

Fig. 3 is a lid-plate containing the key hole.

Fig. 4 is a plane view of the latch-piece for engaging the key.

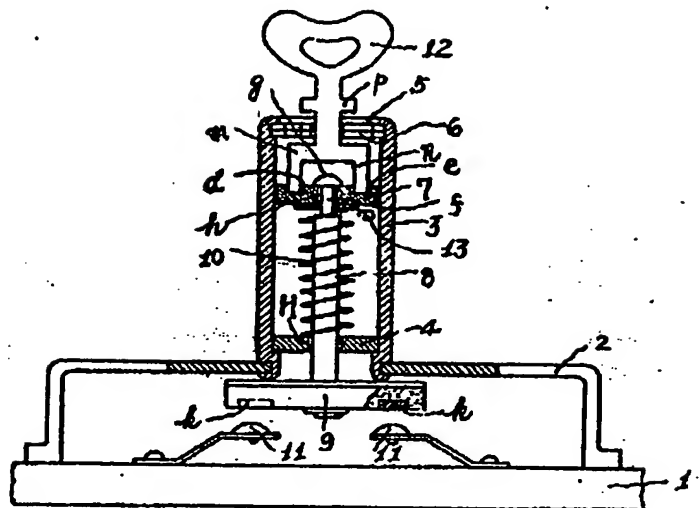
Fig. 5 shows the order of operation of the device.

What is claimed is:

A safety opening and closing device linked to lock/key that, as described in the drawings, has a hole for engaging the shaft of key (12), and a key-latching piece (7) that is held in a specified position by [illegible] (10), and when turned at an angle by the key (12) being twisted, is held in the specified position as if being pressed down along with the key 12 being pressed down, and an opening and closing portion (9) that is fixed on an axis that does not turn, even though it can move in the axial direction, a key (12) that engages a key hole mounted on a fixed plate separate from the aforementioned key-latching piece (7), and the aforementioned key-latching piece (7) and the axis of the opening and closing portion (9) are only linked when it moves in the axial direction, and key-latching piece (7) is mounted / joined so that it can turn freely relative to the aforementioned axis.

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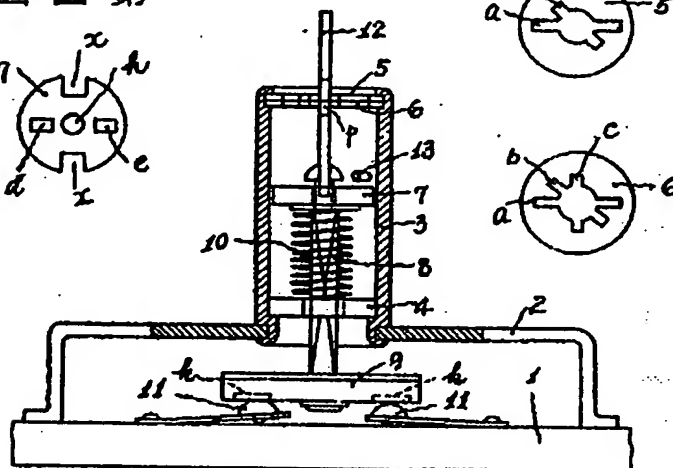
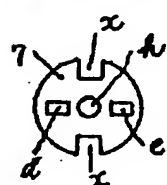
圖一第



圖二第

圖三第

圖四第



圖五第

